```c
// 1.Write a C program to accept string with multiple spaces from
// user and print as it is.

//****************Solution***************

#include<stdio.h>
void main()
{
    char str[100];
    printf("Please Enter the string ");
    // scanf("%s",str);
    // gets(str);
    fgets(str,sizeof(str),stdin);
    printf(str);
}
// 2.Write a C program to accept string with multiple spaces from
// user and print it with a sinlge space as
// a delimiter.



#include<stdio.h>
void main()
{
    char str[100];
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    printf("Output is\n");
    while (str[i] != '\0')
    {
        while(str[i] == ' ')
        {
            i++;
        }
        while(str[i] != '\0' && str[i] !=' ')
        {
          printf("%c",str[i]);
          i++;
        }
        printf("%c",str[i]);
        i++;
    }

}
// 3.Write a C program to print count of number characters in
// given string.
```

```c
#include<stdio.h>
void main()
{
    char str[100];
    printf("Please Enter the string ");
    // scanf("%s",str);
    // gets(str);
    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    int count=0;
    while (str[i] != '\n')
    {
        count=count+1;

        i++;
    }
    printf("Character count is %d",count);

}
// 4.Write a C program to accept string and print it in the reverse
// order.

#include<stdio.h>
void main()
{
    char str[100];
    int firstChar,lastChar,j;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);

    int i=0;
    firstChar=0;
    while (str[i] != '\n')
    {   lastChar=i;
        i++;
    }


 printf("Reverse String is \n");
    for (j = lastChar; j >= firstChar; j--)
    {

       printf("%c",str[j]);
    }
```

```
}
// 5.Write a C program to count count of number of vowels and
// number of consonants in the given string


#include <stdio.h>
void main()
{
    char str[50];
    int vCount = 0, cCount = 0, i = 0;
    printf("Enter string \n");
    fgets(str, sizeof(str), stdin);
    while (str[i] != '\n')
    {
        if (str[i] >= 65 && str[i] <= 90 || str[i] >= 97 && str[i] <= 122)
        {
            if (str[i] == 65 || str[i] == 69 || str[i] == 73 || str[i] == 79 |
| str[i] == 85 || str[i] == 97 || str[i] == 101 || str[i] == 105 || str[i] ==
111 || str[i] == 117)
            {
                vCount += 1;
            }
            else
            {
                cCount += 1;
            }
        }
        i++;
    }
    printf("Consonent %d \n", cCount);
    printf("vowel %d", vCount);
}
// 6.Write a C program to reverse a given string as below.
// Eg:
// Input String: India is my country
// Output String: aidnI si ym yrtnuo


#include<stdio.h>
void main()
{
    char str[100];
    int firstChar,lastChar,j;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
```

```
    printf("Output is\n");
    while (str[i] != '\n')
    {

        firstChar=i;

        while(str[i] != '\n' && str[i] !=' ')
        {

          i++;
        }
        lastChar=i-1;

        //printing reverse
       for (j = lastChar; j >= firstChar; j--)
       {
           printf("%c",str[j]);
       }

       //for printing blank spaces
       while (str[i] == ' ')
       {
           printf("%c",str[i]);
           i++;
       }


    }

}
// 7.Write a C program to replace space with ‘$’ in given string.
// Eg:
// Input String: India is my country
// Output String: India$is$my$coutr

#include<stdio.h>
void main()
{
    char str[100];
    int count=0;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0,j=0;
    printf("Output is ");
    while (str[i] != '\n')
    {
```

```
       if (str[i] == ' ')
       {
           str[i]='$';
       }
       i++;


    }

    while (str[j] != '\n')
    {
      printf("%c",str[j]);
      j++;
    }


}
// 8.Write a program which accept sentence from user and print
// number of words from that sentence.


#include<stdio.h>
void main()
{
    char str[100];
    int count=0;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    printf("Output is ");
    while (str[i] != '\n')
    {
        while(str[i] == ' ')
        {
            i++;
        }
        while(str[i] != '\n' && str[i] !=' ')
        {
          i++;
          if (str[i] == '\n' || str[i]==' ' )
          {
               count+=1;
          }


        }
```

```
    }

    printf("Total Words are %d",count);

}
// 9.Write a C program to replace Good names in mail.

#include<stdio.h>
void main()
{
    char str[100];
    char given_str[100]="Hello GoodName";
    int count=0;
    printf("Please Enter the string ");
    fgets(str,sizeof(str),stdin);
    int i=0;
    int first_char=6;

    //for copying element
    while (str[i] != '\n')
    {
        given_str[first_char]=str[i];
        i++,first_char++;
    }
    int lastchar=i-1;
    int j=0;

    //for printing output
    while (given_str[j] != '\0')
    {
        printf("%c",given_str[j]);
        if (given_str[j]==str[lastchar])
        {
            break;
        }
        j++;

    }


}
//  10.Write a C program to print all fibonacci series upto each ASCII code of aphabates in given string.


#include<stdio.h>
void main()
{
    char str[100];
```

```c
    int firstChar,lastChar,j;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    int fib1=0;
    int fib2=1;
    int fib3=0;
    printf("Output is\n");
    while (str[i] != '\n')
    {  fib1=0;
       fib2=1;
       fib3=0;
       printf("%d \t",fib1);
       printf("%d \t",fib2);
       while (fib3 <= str[i])
       {  fib3=fib1+fib2;
       fib1=fib2;
       if (fib3 < str[i] )
       {
            printf("%d \t",fib3);
       }


       fib2=fib3;

       }
       i++;

       printf("\n");

    }

}
// 11.Write a C program which accepts a string from user which
// contains a characters from ‘b’ to ‘y’.
// Eg:
// Input String: mn jn kn kazfd
// Output String: mn jn kn

#include<stdio.h>
void main()
{
    char str[100];
    printf("Please Enter the string ");
    // scanf("%s",str);
    // gets(str);
```

```
    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    int count=0;
    while (str[i] != '\n')
    {
     if (str[i] >=98 && str[i]<=121)
     {
         printf("%c",str[i]);
     }


        i++;
    }


}
// 12.Write a C program which accept sentence from user and
// print number of small letters, capital
// letters, Spaces and digits from that sentence.
// Eg:
// Input String: abcDE 5Glm1 O
// Output String: Small: 5 Capital: 4 Digits: 2 Spaces: 2


#include<stdio.h>
void main()
{
    char str[100];
    int smallLetter=0;
    int capitalLetter=0;
    int spaces=0;
    int digit=0;
    int otherChar=0;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    printf("Output is\n ");
    while (str[i] != '\n')
    {
        if (str[i] >64 && str[i]<91)
        {
           capitalLetter+=1;
        }
        else if (str[i] >96 && str[i]<123)
        {
            smallLetter+=1;
```

```
        }
        else if (str[i] == 32)
        {
            spaces+=1;
        }
        else if (str[i]>47 && str[i] <58)
        {
            digit+=1;
        }
        else
        {
             otherChar+=1;
        }



    i++;


    }

    printf("Total capital letters are %d \n",capitalLetter);
    printf("Total small letters are %d \n",smallLetter);
    printf("Total digit are %d \n",digit);
    printf("Total spaces are %d \n",spaces);
    printf("Total other charracyer are %d \n",otherChar);


}
// 13.Write a C program which accept sentence from user and
// print number of white spaces from that
// sentence.
// Eg:
// Input String: India is my country
// Output: 3


#include<stdio.h>
void main()
{
    char str[100];
    int count=0;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    printf("Output is \n");
    while (str[i] != '\n')
```

```
    {
        if (str[i] == ' ')
        {
            count+=1;
        }

       i++;
    }

    printf("Total white spaces count are %d",count);

}
// 14.Write a C program which accept sentence from user and
// print number of words of even and odd
// length from that sentence.
// Eg:
// Input String: India is my country. I love my country.
// Output : Even: 5 Odd: 2

#include<stdio.h>
void main()
{
    char str[100];
    int evenCount=0;
    int oddCount=0;
    int count=0;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    printf("Output is ");
    while (str[i] != '\n')
    {
        while(str[i] == ' ')
        {
            i++;
        }
        count=0;
        while(str[i] != '\n' && str[i] !=' ')
        { count+=1;
          i++;



        }
        if (count % 2 == 0)
        {
```

```
            evenCount+=1;
        }
        else
        {
            oddCount+=1;
        }


    }

    printf("Total evev Words are %d \n",evenCount);
    printf("Total odd Words are %d",oddCount);

}
// 15.Write a C program which accept sentence from user and
// print last word from that sentence.
// Eg:
// Input String: India is my country
// Output String: country


#include <stdio.h>
void main()
{
    char str[100];
    printf("Please Enter the string ");

    fgets(str, sizeof(str), stdin);
    // printf(str);
    int i = 0;
    int firstChar;
    int lastChar;
    printf("Output is ");
    while (str[i] != '\n')
    {
        while (str[i] == ' ')
        {
            i++;
        }
       firstChar=i;
        while (str[i] != '\n' && str[i] != ' ')
        {
            lastChar=i;
            i++;
        }
        if (str[i] == '\n')
        {
            for (int  j = firstChar; j <= lastChar; j++)
            {
```

```
                printf("%c",str[j]);
            }

        }

    }


}
// 16.Write a C program which accept sentence from user and
// position from user and print the word at
// that position.
// Eg:
// Input String: India is my country
// Input Position: 3
// Output String: my


#include<stdio.h>
void main()
{
    char str[100];
    int count=0,choice,firstChar,lastChar;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    printf("Please Enter position which no want to print ");
    scanf("%d",&choice);
    int i=0;
    int flag=0;
    int charCount;
    printf("Output is ");
    while (str[i] != '\n')
    {
        while(str[i] == ' ')
        {
            i++;
        }
        firstChar=i;

        while(str[i] != '\n' && str[i] !=' ')
        {

          i++;
          if (str[i] == '\n' || str[i]==' ' )
          {
               count+=1;
               if (count==choice)
```

```
                {
                    lastChar=i-1;
                    flag=1;
                    break;
                }

          }


        }
        if (flag==1)
        {
            for (int j = firstChar; j <=lastChar; j++)
        {
            printf("%c",str[j]);
        }
         break;

        }









    }



}
// 17.Write a C program to convert the string from upper case
// to lower cas

#include<stdio.h>
void main()
{
    char str[100];
    int count=0;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    int j=0;
    printf("Output is \n");
    while (str[i] != '\n')
    { if (str[i]>=65 && str[i]<=90)
    {
```

```
        str[i]=str[i]+32;
    }


        i++;
    }
    printf(str);







}
// 18.Write a C program which toggles the case of a string.
// Eg:
// Input String: technOrbit Infosystems
// Output String: TECHNoRBIT iNFOSYSTEM

#include <stdio.h>
int main()
{
    char str[100];
    int count = 0;
    printf("Please Enter the string ");

    fgets(str, sizeof(str), stdin);
    // printf(str);
    int i = 0;
    int j = 0;
    printf("Output is \n");
    while (str[i] != '\n')
    {
        if (str[i] >= 65 && str[i] <= 90)
        {
            str[i] = str[i] + 32;
        }
        else if (str[i] >= 97 && str[i] <= 122)
        {
            str[i] = str[i] - 32;
        }



        i++;
    }
    printf(str);
    return 0;
```

```c
}
// 25.Write a C program which accept two strings from user and
// compare two strings. If both strings are equal then return 0
// otherwise return difference between first mismatch character.


#include <stdio.h>
void main()
{
    char str1[100];
    char str2[100];
    int i = 0;
    int j = 0;
    int flag = 0;
    int outerflag = 0;
    printf("Please Enter the first string ");
    // scanf("%s",str);
    // gets(str);
    fgets(str1, sizeof(str1), stdin);
    printf("Please Enter the second string ");
    fgets(str2, sizeof(str2), stdin);


    while (str2[i] != '\n')
    {
       while (str1[j] != '\n')
       {
           if (str2[i] == str1[j])
           {
               flag=0;
               break;
           }
           j++;
       }
       if (flag==0)
       {
           outerflag=0;
       }
       else
       {
           outerflag=1;
           break;
       }
       i++;


    }
    if (outerflag==0)
    {
```

```
        printf("strings are anagram \n");
    }
    else
    {
        printf("strings are not anagram \n");

    }

}
// 20.Write a C program which accept string from user and copy
// that string into some another string

#include <stdio.h>
void main()
{
    char str[100];
    char str2[100];
    int count = 0,choice;
    int lastChar;
    printf("Please Enter the string ");

    fgets(str, sizeof(str), stdin);

    int i = 0;
    int j = 0;

    printf("Output is \n");
    while (str[i] != '\n')
    {
       str2[i]=str[i];
       i++;
    }
    str2[i]='\0';
    // printf(str2);
    while (str2[j] != '\0')
    {
        printf("%c",str2[j]);
        j++;
    }




}
// 21.Write a program which accept string from user and copy
// first N charaters into some destination string.
// Eg:
// Input String: India is my country
```

```c
// Input of N: 8
// Output String: India is


#include <stdio.h>
void main()
{
    char str[100];
    char str2[100];
    int count = 0,choice;
    int lastChar,firstChar;
    printf("Please Enter the string ");

    fgets(str, sizeof(str), stdin);
    printf("Please Enter how many characyer you want to copy \n ");
    scanf("%d",&choice);
    // printf(str);
    int i = 0;
    int j = 0;

    printf("Output is \n");
    while (str[i] != '\n')
    {  str2[i]=str[i];
        count+=1;

       if (count == choice)
       {

           break;
       }


        i++;
    }

    for (int  j = 0; j < choice; j++)
    {

        printf("%c",str2[j]);
    }



}
// 21.Write a program which accept string from user and copy
// first N charaters into some destination string.
// Eg:
// Input String: India is my country
// Input of N: 8
```

```c
// Output String: India is

#include <stdio.h>
void main()
{
    char str[100];
    char str2[100];
    int count = 0, choice;
    int lastChar, firstChar;
    printf("Please Enter the string ");

    fgets(str, sizeof(str), stdin);
    printf("Please Enter how many characyer you want to copy \n ");
    scanf("%d", &choice);
    // printf(str);
    int i = 0, k = 0;
    int j = 0;
    while (str[k] != '\n')
    {
        k++;
    }
    lastChar = k - 1;
    while (lastChar >= 0)
    {
        str2[i] = str[lastChar];
        count += 1;

        if (count == choice)
        {

            break;
        }

        i++, lastChar--;
    }

    printf("Output is \n");

    for (int j = 0; j < choice; j++)
    {

        printf("%c", str2[j]);
    }
}
// 23.Write a C program which accept two strings from user and
// append second string after first string.
// Eg:
// Input String: India Country
```

```c
// Output String: IndiaCountry


#include <stdio.h>
void main()
{
    char str1[100];
    char str2[100];
    printf("Please Enter the first string ");
    // scanf("%s",str);
    // gets(str);
    fgets(str1, sizeof(str1), stdin);
    printf("Please Enter the second string ");
    fgets(str2, sizeof(str2), stdin);
    // printf(str);
    int i = 0;
    int j = 0;
    int k = 0;
    while (str1[i] != '\n')
    {

        i++;
    }
    while (str2[j] != '\n')
    {
        str1[i] = str2[j];
        i++;
         j++;
    }
    str1[i]='\0';
    printf("after concatination string is \n");
    while (str1[k] != '\0')
    {
        printf("%c",str1[k]);
        k++;
    }

}
#include <stdio.h>
void main()
{
    char str1[100];
    char str2[100];
    int i = 0, m = 0;
    int j = 0;
    int count = 0;
    int k = 0, choice;
    printf("Please Enter the first string ");
    // scanf("%s",str);
```

```c
    // gets(str);
    fgets(str1, sizeof(str1), stdin);
    printf("Please Enter the second string ");
    fgets(str2, sizeof(str2), stdin);
    printf("Please Enter the how many character want to add from second string
 ");
    scanf("%d", &choice);
    // printf(str);

    while (str1[i] != '\n')
    {

        i++;
    }
    while (str2[j] != '\n')
    {
        str1[i] = str2[j];
        count += 1;
        if (count == choice)
        {
            i++;
            break;
        }
        i++;
        j++;
    }
    str1[i] = '\0'; //for iterating
    printf("after concatination string is \n");
    while (str1[k] != '\0')
    {
        printf("%c", str1[k]);
        k++;
    }
}
// 25.Write a C program which accept two strings from user and
// compare two strings. If both strings are equal then return 0
// otherwise return difference between first mismatch character.


#include <stdio.h>
void main()
{
    char str1[100];
    char str2[100];
    int i = 0;
    int flag = 0;
    printf("Please Enter the first string ");
    // scanf("%s",str);
    // gets(str);
```

```
    fgets(str1, sizeof(str1), stdin);
    printf("Please Enter the second string ");
    fgets(str2, sizeof(str2), stdin);


    while (str1[i] != '\n')
    {
        if (str1[i] == str2[i])
        {
            i++;
        }

        else
        {   flag=1;
            printf("character at %d index are %c and %c which are diffrent",i,
str1[i],str2[i]);
            break;
        }
    }
    if (flag==0)
    {
        printf("strings are equal \n");
    }

}
// 26.Write a C program which accept two strings from user and
// compare only first N characters of two strings. If both strings
// are equal till first N characters then return 0 otherwise return
// difference between first mismatch character.



#include <stdio.h>
void main()
{
    char str1[100];
    char str2[100];
    int i = 0;
    int flag = 0;
    int count = 0;
    int choice = 0;
    printf("Please Enter the first string ");
    // scanf("%s",str);
    // gets(str);
    fgets(str1, sizeof(str1), stdin);
    printf("Please Enter the second string ");
    fgets(str2, sizeof(str2), stdin);
    printf("Please Enter the how many character want to compare ");
    scanf("%d", &choice);
```

```c
    while (str1[i] != '\n')
    {   count+=1;
    if (count == choice)
        {
            // i++;
            break;
        }

        if (str1[i] == str2[i])
        {
            i++;
        }

        else
        {   flag=1;
            // printf("character at %d index are %c and %c which are diffrent"
,i,str1[i],str2[i]);
            break;
        }
    }
    if (flag==0)
    {
        printf("strings are equal \n");
    }
    else if (flag==1)
    {
        /* code */
         printf("character at %d index are %c and %c which are diffrent",i,str
1[i],str2[i]);
    }



}
// 27.Write a C program which accept two strings from user and
// compare two strings without case sensitivity. If both strings
// are equal then return 0 otherwise return difference between
// first mismatch character


#include <stdio.h>
void main()
{
    char str1[100];
    char str2[100];
    int i = 0;
    int flag = 0;
```

```c
    printf("Please Enter the first string ");
    // scanf("%s",str);
    // gets(str);
    fgets(str1, sizeof(str1), stdin);
    printf("Please Enter the second string ");
    fgets(str2, sizeof(str2), stdin);


    while (str1[i] != '\n')
    {
        if (str1[i] == str2[i] || str1[i] == str2[i]+32 || str1[i] == str2[i]-
32 )
        {
            i++;
        }

        else
        {   flag=1;
            printf("character at %d index are %c and %c which are diffrent",i,
str1[i],str2[i]);
            break;
        }
    }
    if (flag==0)
    {
        printf("strings are equal \n");
    }

}
// 28.Write a C program which accept string from user and then
// reverse the string till first N characters without taking another
// string.

#include<stdio.h>
void main()
{
    char str[100];
    int choice,temp;
    printf("Please Enter the string ");
    // scanf("%s",str);
    // gets(str);
    fgets(str,sizeof(str),stdin);
    printf("Please Enter how many element want to reverse \n ");
    scanf("%d",&choice);
    // printf(str);
    int i=0;
    int k=0;
    int j=choice-1;
```

```
    int count=0;
    while (str[k] != '\n')
    {
       count++;
        k++;
    }
  while (i<=j)
  {
      temp=str[i];
      str[i]=str[j];
      str[j]=temp;
      i++,j--;
  }
  for (int m = 0; m < count; m++)
  {
      printf("%c",str[m]);
  }


}
// 29.Write a C program which accept string from user and then
// accept range and reverse the string in that range without
// taking another string.

#include <stdio.h>
void main()
{
    char str[100];
    int choice, temp, start, startRange, end, endRange;
    printf("Please Enter the string ");
    fgets(str, sizeof(str), stdin);
    printf("Please Enter start index \n ");
    scanf("%d", &start);
    printf("Please Enter end index \n ");
    scanf("%d", &end);
    startRange = start;
    endRange = end;
    int i = 0;
    int k = 0;
    int j = choice - 1;
    int count = 0;
 while (str[k] != '\n')
 {
     count+=1;
     k++;
 }
```

```
    while (str[i] != '\n')
    {
        if (i < startRange || i > endRange)
        {
            i++;
        }
        else
        {
            i = endRange;
            while (start <= end)
            {
                temp = str[start];
                str[start] = str[end];
                str[end] = temp;
                start++, end--;
            }
            i++;
        }
    }

    for (int m = 0; m < count; m++)
    {
        printf("%c", str[m]);
    }
}
// 30.Write a C program which accept string from user and
// reverse words from that string which are of even length.

#include<stdio.h>
void main()
{
    char str[100];
    int count=0,firstChar,lastChar;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    printf("Output is \n");
    while (str[i] != '\n')
    {
        while (str[i] == ' ')
        {
            printf("%c",str[i]);
            i++;
        }
```

```
        firstChar=i;
        count=0;
        while (str[i]!=' ' && str[i]!='\n' )
        {
           count+=1;
           i++;
        }
        lastChar=i-1;
        if (count%2 == 0)
        {
            for (int j = firstChar; j <= lastChar; j++)
            {
                printf("%c",str[j]);
            }
        }
        else
        {
            for (int j = lastChar; j >= firstChar; j--)
            {
                printf("%c",str[j]);
            }

        }









    }

    // printf("Total white spaces count are %d",count);

}
// 31.Write a C program which accept string from user and check
// whether string is palindrome or not.


#include<stdio.h>
void main()
{
    char str1[100];
    char str2[100];
    int count=0,lastChar;
    printf("Please Enter the string ");

    fgets(str1,sizeof(str1),stdin);
```

```c
    int i=0;
    int k=0;
    int flag=0;
    int j;
    int firstChar=0;
    printf("Output is \n");
    while (str1[i] != '\n')
    {
        // lastChar=i;
        count+=1;
        i++;

    }
    lastChar=i-1;

    while (lastChar>=0)
    {
        str2[k]=str1[lastChar];
        k++;
        lastChar--;
    }

    for (int m = 0; m < count; m++)
    {
        if (str1[m] == str2[m])
        {
            continue;
        }
        else
        {
            flag=1;
            break;
        }

    }

    if (flag==1)
    {
        printf("Not Palindrome");
    }
    else if (flag==0)
    {
        printf("Palindrome");
        /* code */
    }
```

```c
}
// 32.Write a C program to count number of alphabates, spaces
// and words in given string


#include<stdio.h>
void main()
{
    char str[100];
    int count=0,alphabates=0,spaces=0;
    int words=0;
    printf("Please Enter the string ");

    fgets(str,sizeof(str),stdin);
    // printf(str);
    int i=0;
    printf("Output is \n");
    while (str[i] != '\n')
    {
        while (str[i] == ' ')
        {
            spaces+=1;
            i++;
        }

        while (str[i]!=' ' && str[i]!='\n' )
        {
           alphabates+=1;
           i++;
           if (str[i] ==' ' || str[i] == '\n')
           {
              words+=1;
           }

        }









    }
```

```
    printf("Total white spaces count are %d \n",spaces);
    printf("Total alphabate  count are %d \n",alphabates);
    printf("Total words  count are %d",words);

}
```